

REMARKS

Applicant thanks the examiner for the detailed remarks and analysis. This response is accompanied by a petition to revive as unintentionally abandoned. Claims 15-16, 18-22, and 23-28 remain pending. Claims 15 and 21 have been amended.

§102 Rejections

Claims 15-28 are not anticipated by Long (U.S. 6,098,000) because the claims include features not disclosed nor suggested by the Long reference. Amended claim 15 requires that upon filling or emptying of a container that a pressure value is measured by a pressure sensor and that the switching pressure value is filtered. Amended claim 21 required a filter for filtering a pressure value measured by a pressure sensor. These features are not disclosed nor suggested by the cited prior art.

Instead, the Long reference discloses only that inflate/deflate factors are used to compensate for pressure read errors. Nothing discloses the use of a filter that compensates for overshooting at the beginning and end of a filling or emptying of a container. Furthermore, the Long reference discloses that the effective IR drop between pressure transducers and the air cell is determined empirically and uses the compensation factor used during inflation. (See Long, column 12, lines 10-20). Accordingly, the Long reference uses a compensation factor, not a filtered pressure value as is required by the amended claims.

Moreover, the use of the compensation factors as is disclosed by Long teaches away from the use of such filters as the compensation factors are provided for compensating for errors, thereby eliminating such a need.

Accordingly, the claims require features not disclosed nor suggested by Long. The rejections based on Long should therefore be withdrawn.

Applicant believes that no additional fees are necessary; however, the Commissioner is authorized to charge Deposit Account No. 50-1482 in the name of Carlson, Gaskey & Olds, P.C. for any additional fees or credit the account for any overpayment.

Respectfully Submitted,

CARLSON, GASKEY & OLDS, P.C.

/John M. Siragusa/

John M. Siragusa
Registration No. 46,174
400 West Maple Road, Suite 350
Birmingham, Michigan 48009
Telephone: (248) 988-8360
Facsimile: (248) 988-8363

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